Supplementary Table 4

#	**L4-L5 spinal cord and DRG from recipient male mice**
1	Naïve control
2	PBS (*i.t.)* + 7 days post CFA
3	sEVs from RAW 264.7 macrophage cells (*i.t.)* + 7 days post CFA
4	PBS (*i.t.)* + 14 days post CFA
5	sEVs from naïve donor mice (*i.t.)* + 14 days post CFA
6	sEVs from SNI model (2 wks post SNI; *i.t.*) + 14 days post CFA

Supp Table 4 Experimental design showing treatment groups in recipient mice. L4-L5 spinal cord and DRG from recipient male mice were obtained at time points that were most efficacious in behavior testing (n=2). sEVs from RAW 264.7 were included as a positive control for homogenous sEV source of macrophage under culture conditions.

Supplementary Table 5

Population	Marker definition
Immune cells	CD45+
T cells	CD45+CD3+CD335-
CD4+T cells	CD45+CD3+CD335-CD4+CD8-
CD8+T cells	CD45+CD3+CD335-CD4-CD8+
T reg	CD45+CD3+CD335-CD4+CD8-FOXP3+
Activated T cells	CD45+CD3+CD335-MHCII+
NKT cells	CD45+CD3+CD335+
NK cells	CD45+CD3-CD335+
Activated NK cells	CD45+CD3-CD335+MHCII+
B cells	CD45-CD3-CD335-B220+CD19+
Monocytes /Macrophages	CD45+CD3-CD335-CD11c-F4/80+CD11b+
M2 macrophages	CD45+CD3-CD335-CD11c-F4/80+CD11b+CD206+
Neutrophils	CD45+CD3-CD335-F4/80-CD11b+Gr1+
Proliferating immune cells	CD45+Ki67+
Neurons	NeuN+
Microglia	CD45+CD3-CD335-F4/80-CD11b+TMEM119+

Supp Table 5 The 16-plex panel of markers used to identify the populations in ChipCytometry